

Efficiency in food and energy processes

GEA ammonia chillers achieve ESEER ratings of over 8

BluAstrum: compact and efficient

GEA created a new chiller design that sets new standards in energy efficiency and compactness. For the heart of the completely new chiller range, the development team has designed a high-efficiency compressor series with speed control, frequency inverter, and variable Vi for maximum partial-load efficiency. The new Grasso chiller BluAstrum sets a new benchmark for ESEER ratings (ESEER ratings of over 8). Its compactness enables customers to easily replace older chillers with this high-efficiency ammonia chiller range. As an option, a new housing is available to reduce noise levels even further, allowing the chiller to be used over a wide range of operating conditions. The final series of the new design will comprise six chiller types with a capacity range from 500 kW to 2,000 kW.



With its new Grasso BluAstrum Range, GEA is offering a compact liquid chiller that operates at great efficiency. Its compact design allows it to be taken into the installation site through standard doors. It is therefore not only ideally suited for new buildings, but also for replacement of older chillers that operate with the refrigerant R22.

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About GEA

GEA Group Aktiengesellschaft is one of the largest systems providers in the food and beverages industries and in energy production. Group sales in 2010 were more than 4.4 billion euros. As an internationally active technological enterprise, GEA Group has concentrated on process engineering and components for demanding production processes in a wide range of end-user markets. The Group generates around 70 % of its sales in long-term growth industries for food, beverages, and energy. As of 31 December 2010 the Group internationally employed more than 20,000 staff. In its business areas, GEA Group is among the leading companies on the market and in technological developments. GEA Group is listed on the German MDAX stock index (G1A, WKN 660200).